

Gmelins Handbuch der anorganischen Chemie. Selen A3. Pp. xvii+184 with 158 figs. Weinheim/Bergstrasse: Verlag Chemie. 1953. Price DM. 111.

X-ray Diffraction Patterns of Lead Compounds. Pp. 81 with 9 figs. Chester: Shell Petroleum. 1954. Obtainable free of charge from Thornton Research Centre, Shell Petroleum Company Ltd, P. O. Box 1, Chester, England.

Die Stereographische Projektion in der Kristallkunde. By H. TERTSCH. Pp. iv+122 with 46 figs. Wiesbaden: Verlag für Angewandte Wissenschaften. 1954. Price DM. 14·80.

Atomic Energy — A Survey. Edited by J. ROTBLAT. Pp. vii+71 with 9 figs. Published for the Atomic Scientists' Association. London: Taylor and Francis. 1954. Price bound 6s.6d; paper cover 4s.4d.

Précis de Minéralogie. By P. LAPADU-HARGUES. Pp. 310 with 69 figs. Paris: Masson. 1954. Price bound 2200 fr.; paper cover 1700 fr.

The Statistical Approach to X-ray Structure Analysis. By V. VAND and R. PEPINSKY. Pp. 98 with figs. and tables. State College: Pennsylvania State University. 1953. Price \$1·50.

Handbuch der Mineralogie. Ergänzungsband II, Neue Mineralien und Neue Mineralnamen, Lieferung 1. By C. HINTZE, compiled and edited by K. F. CHUDOBA. Pp. 80 with 7 figs. and many tables. Berlin: de Gruyter. 1954. Price DM. 22.

Handbuch der Mineralogie. Ergänzungsband II, Neue Mineralien und Neue Mineralnamen, Lieferung 2. By C. HINTZE, compiled and edited by K. F. CHUDOBA. Pp. 80 with 10 figs. and many tables. Berlin: de Gruyter. 1954. Price DM. 22.

Crystal Data. Classification of Substances by Space Groups and their Identification from Cell Dimensions. By J. D. H. DONNAY, W. NOWACKI and G. DONNAY. Pp. 719. New York: Geological Society of America. 1954. Price \$5·00.

The Optical Properties of Organic Compounds. By A. N. WINCHELL. Pp. vii+487 with 152 figs. and 2 tables. New York: Academic Press. 1954. Price \$12·00.

X-ray Diffraction Procedures for Polycrystalline and Amorphous Materials. By H. P. KLUG and L. E. ALEXANDER. Pp. xiii+716. New York: Wiley; London: Chapman and Hall. 1954. Price \$15·00.

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International Union of Crystallography

Report of Executive Committee for 1953

Introduction

In 1953 the Union continued its programme of publishing activities and was engaged in arrangements for the Third General Assembly and International Congress to be held in Paris in 1954. A meeting of the Executive Committee was held in that city in April, mainly to meet the members of the Programme Committee and of the Local Committee and to discuss detailed arrangements.

One further country (the German Federal Republic) adhered in 1953 bringing the total number of adhering countries at the end of the year to 20. [Since that date two further countries have adhered. An up-to-date list of the adhering countries is given in Table 1.]

Work of the Commissions

Commission on Acta Crystallographica

The 1953 volume was of almost exactly the same size as that for 1952 (see Table 2). Thanks to various economies, to a large increase in the sales of back numbers and to an increase in the number of subscribers, the financial position concerning its production was much more favourable. Even so, expenses exceeded income by

a considerable sum and the Executive Committee was unfortunately compelled to increase the subscription price as from the beginning of Vol. 7.

The Commission co-opted I. Nitta (Japan) as a co-editor as from the beginning of Vol. 6.

Commission on Structure Reports

Structure Reports for 1945-1946 (Vol. 10), the third volume to appear, was published in December 1953. Work continued on the preparation of further volumes.

Commission on International Tables for X-ray Crystallography

The sales of Vol. 1 (published in October 1952) were maintained throughout 1953 at an encouraging level, and by the end of the year some 1100 copies had been sold. The stock of reprints of selected portions prepared for teaching purposes was almost exhausted, and the cost of printing was covered by the income from the sales. Editorial preparation of Vols. 2 and 3 continued throughout the year but these volumes are not likely to appear in print until 1955.